

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number  
**WO 2004/029837 A1**

(51) International Patent Classification<sup>7</sup>: **G06F 17/30**,  
H04L 29/06 // G06F 3/00

(21) International Application Number:  
PCT/NO2003/000325

(22) International Filing Date:  
26 September 2003 (26.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20024640 27 September 2002 (27.09.2002) NO

(71) Applicant (for all designated States except US): **GRID-MEDIA AS** [NO/NO]; Rådhusgata 9, N-0151 Oslo (NO).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HOLTHE, Ole-Ivar**  
[NO/NO]; Selva, N-7318 Agdenes (NO).

(74) Agent: **BRYN AARFLOT AS**; P.O. Box 449, Sentrum,  
N-0104 Oslo (NO).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

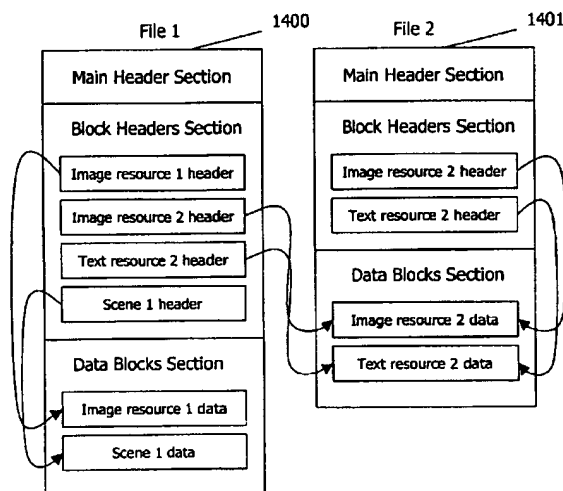
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MULTIMEDIA FILE FORMAT



(57) Abstract: A computerized method of encapsulating multimedia content data, multimedia content description data, and program instruction code into an aggregated data representation comprising a logical structure is described. The method comprising: - storing on a storage device, information about the multimedia content data, the multimedia content description data, and the program instruction code to form a main header section (300) in the logical structure; - storing on the storage device, multiple block headers for all multimedia content data, multimedia content description data, and the program instruction code to form a block headers section (301) in the logical structure; and - storing on the storage device, multiple data blocks for all multimedia content data, multimedia content description data, and the program instruction code to form a data blocks section (302) in the logical structure.